

REMARKS

Claims 1 and 5 have been objected to by the Examiner for the reasons set forth in paragraphs 3 and 4 of the Examiner's Office Action letter. As the Examiner will note, claims 1 and 5 have been amended as suggested by the Examiner and accordingly, it is believed that these objections have been eliminated.

Claims 3 and 4 have been rejected by the Examiner under 35 USC 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which the Applicant regards as the invention. This rejection is respectfully traversed.

As the Examiner will note, claims 3 and 4 have been amended to clarify the indefinite issue pointed out by the Examiner and in this connection, the subject matter of claim 3 has been incorporated into claim 1, and correspondingly, claim 3 has been cancelled from the present application. With respect to the objections raised by the Examiner, it is the Applicant's intention that the present claims, as amended, can apply to either "the set of printing parameters" as well as "the new set of printing parameters."

Claims 1-5 and 12-16 have been rejected by the Examiner under 35 USC 103(a) as being unpatentable over Brot et al., U.S. Patent 6,522,348 (hereinafter Brot) in view of Imai, U.S. Patent 6,990,659 and further in view of McCannon et al., U.S. Patent 6,607,314. Claims 6 and 17 have been rejected by the Examiner under 35 USC 103(a) as being unpatentable over Imai in view of McCannon. Claims 7 and 18 are rejected by the Examiner under 35 USC 103(a) as being unpatentable over the combination of Imai and McCannon as applied to claim 6 and further in view of Silverbrook, U.S. Patent 6,364,451. Claims 8, 10, 11 and 19 are rejected by the Examiner under 35 USC 103(a) as being unpatentable over the combination of Imai, McCannon and Silverbrook as applied to claim 7 above and further in view of Haine, U.S. Patent 6,738,903. These rejections are respectfully traversed.

As the Examiner will note, claim 1 has been amended to include the subject matter of claim 3, and correspondingly, claim 3 has been cancelled from the present application. The

invention as recited in newly amended claim 1 relates to downloading a set of printing parameters from the URI directly to the printer each time a predetermined interval has elapsed. Support for this feature can be found in steps S2-S5 of Fig. 3 and the corresponding description in the specification of the present application. This feature allows the printer to check for the availability of any updated printing parameters at the storage device over the internet at certain intervals and thus allows the updating of the printing parameters independent of the change of the component itself. This is one of the advantageous features of the present invention since this allows printing parameters pertinent to a specific functional component (for example, a nozzle head, an ink cartridge, an LED array, etc., of the printer to be modified even after the functional component has been delivered or installed in the printer.

It is the Applicant's position that Brot, which is the primary reference relied upon by the Examiner to reject the claims of the present application, does not, in fact, disclose that the printing parameters are individually determined for each production series, etc. Rather, Brot discloses that the chip transmits data to the server identifying the type of cartridge, such as by a reference number. However, claim 1, as amended, which contains the subject matter of claim 3, relates to a production series of functional components, as set forth in the description of the present application. Accordingly, components can be tuned at a more individual level than is possible when following the teachings of Brot. In addition, the teachings of Brot do not suggest taking such measures. Accordingly, it is believed that claim 1, as amended, which recites that the set of printing parameters are individually determined for each production series of functional components on the basis of measurements performed on samples of the functional components for each production series, and the printing parameters for a different production series are stored separately in the storage device, is not suggested by the teachings of Brot and thus any further modifications of Brot with the teachings of McCannon cannot possibly suggest the present invention.

Since the remaining references relied upon by the Examiner do not fill the deficiencies of Brot, any rejection rendered by the Examiner involving Brot cannot possibly suggest the Applicant's inventive contribution.

Accordingly, in view of the above amendments and remarks, reconsideration of the rejections and objections and allowance of all of the claims of the present application are respectfully requested.

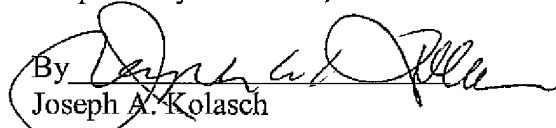
Since the amendments made to claim 1 involve subject matter already before the Examiner prior to the final rejection, it is believed that the present proposed Amendment should be entered by the Examiner as not raising new issues. Accordingly, entry of the proposed Amendment as placing the present application into condition for allowance is respectfully requested. In the event that the proposed Amendment does not place the present application into condition for allowance, entry thereof is respectfully requested as placing the present application into better condition for appeal.

Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact Joseph A. Kolasch Reg. No. 22,463 at the telephone number of the undersigned below, to conduct an interview in an effort to expedite prosecution in connection with the present application.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37.C.F.R. §§1.16 or 1.14; particularly, extension of time fees.

Dated: September 19, 2007

Respectfully submitted,

By 
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